

ABSTRACT OF THE DISCLOSURE

An ultrasonic flowmeter to measure a flow rate of a fluid including an ultrasonic transmitter for launching ultrasonic pulses into the fluid; a flow velocity distribution measuring unit ~~for measuring flow velocity distribution of the fluid~~; and a flow rate operation unit for calculating a flow rate of the fluid based on the flow velocity distribution of the fluid, wherein the flow velocity distribution measuring unit includes a graph output unit for outputting a flow velocity distribution graph displaying the flow velocity distribution ~~in two axes of positions in the inner diameter direction of the fluid pipe~~, and an inner wall position calculating unit for calculating the position of the inner wall with respect to the axis in the inner diameter direction by calculating its inflection point, ~~and wherein the flow rate operation unit measures a flow rate of the fluid by an integral operation based on the inner wall position calculated by said inner wall position calculating unit.~~